WHAT IS CLAIMED IS:

1. An apparatus for positioning medical treatment devices or treatment supporting devices by a transportation means to move said devices to a predetermined position, wherein said transportation means includes an automatically guided transport system.

2. The apparatus as set forth in claim 1, wherein said transportation means comprises a movable vehicle on which said device is positioned.

3. The apparatus as set forth in claim 1 or 2, wherein said automatically guided transport system comprises at least one of the following navigation systems:

- optical tracking, particularly by means of a ground guidance band, actual value markers as well as an optical sensor and a path measuring system provided at said transportation means;
- laser navigation, particularly by means of a laser, reflectors and a path measuring system provided at said transportation means;
- magnetic navigation, particularly by means of a ground floor magnetic track as well as a magnetic strip, gyroscope and path measuring system provided at said transportation means;
- inductive guidance, particularly by means of a ground guidance wire with frequency generator, actual value generators as well as driving and steering antennae and a path measuring system provided at said transportation means.

4. The apparatus as set forth in any of claims 1 to 3, wherein said device is a nuclear spin tomograph.

5. The apparatus as set forth in claim 4, wherein said nuclear spin tomographic device comprises super-conductive coils of a magnetic flux density of approximately 0.5 Tesla.

6. The apparatus as set forth in any of claims 1 to 3, wherein said device is one of the following:

- a device related to computer tomography;
- an x-ray bow;
- a microscope, particularly a surgical microscope;
- an operating table;
- a surgeon's stool;
- a treatment navigation device;
- anesthesia-related devices;
- vehicle for accessories;
- autoclave devices;
- patient-supervising monitors;
- sterile material.

7. The apparatus as set forth in any of claims 1 to 6, wherein said transport system is provided at the transportation means and comprises a radio or wire interface for external control.

8. A method for positioning medical treatment devices or treatment supporting devices, said devices being moved to a predetermined position by a transportation means, wherein said transportation means is controlled by an automatically guided transport system.

9. The method as set forth in claim 8, wherein said automatically guided transport system uses at least one of the following navigation systems for steering purposes:

- optical tracking, particularly by means of a ground guidance band, actual value markers as well as an optical sensor and a path measuring system provided at said transportation means;
- laser navigation, particularly by means of a laser, reflectors and a path measuring system provided at said transportation means;
- magnetic navigation, particularly by means of a ground floor magnetic track

as well as a magnetic strip, gyroscope and path measuring system provided at said transportation means;

- inductive guidance, particularly by means of a ground guidance wire with frequency generator, actual value generators as well as driving and steering antennae and a path measuring system provided at said transportation means.

10. The method as set forth in claim 8 or 9, wherein a mobile nuclear spin tomographic device is transported.

11. The method as set forth in claim 8 or 9, wherein one of the following devices is being transported:

- a device related to computer tomography;
- an x-ray bow;
- a microscope, particularly a surgical microscope;
- an operating table;
- a surgeon's stool;
- a treatment navigation device;
- anesthesia-related devices;
- vehicle for accessories;
- autoclave devices;
- patient-supervising monitors;
- sterile material.

12. The method as set forth in any of claims 8 to 11, wherein said transport system is provided at said transportation means and is externally activated via a radio or wire interface.

13. The use of an automatically guided transport system for positioning medical treatment devices or treatment supporting devices by a transportation means to move said devices to a predetermined position.

14. The use as set forth in claim 13 by employing an apparatus as set forth in claims 1 to 7 or a method as set forth in claims 8 to 12.